

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (currently amended) A computer system comprising:

a first storage apparatus located at a first site; and

a second storage apparatus located at a second site operatively

connected to the first site via a network;

~~— a first site comprising a first computer and a first storage apparatus;~~

~~— a second site comprising a second computer and a second storage apparatus;~~

~~— a computer for management; and~~

~~— a network connecting the first site, the second site, and the computer for management to one another;~~

wherein the first storage apparatus is configured to sort subjects data,
which are stored in the first storage areas included in the storage apparatus
into groups which are each assigned a priority level, ~~to grouping on the basis~~
~~of information inputted to the computer for management and, by a unit of a~~
~~group obtained by the grouping, transfers to transfer the sorted data updated~~
~~in the group to the second storage apparatus, and~~

wherein, when a failure occurs in the first storage apparatus, the
second storage apparatus transfers the sorted data stored therein, in an order
according to the priority levels assigned to the groups, to the first storage
apparatus to recover the first storage apparatus~~if the first site is stopped, the~~
~~second site recovers the data by a unit of the group.~~

2. (currently amended)A-The computer system according to claim 1, wherein the first storage apparatus defines the priority levels ~~performs the grouping by giving priorities to the data~~ based on the basis of a recovery time required in for recovering the data of the first storage apparatus in the second site, and
~~wherein the second site recovers the data included in the groups obtained by the grouping in an order of priorities of the required recovery time.~~

3. (currently amended)A-The computer system according to claim 21, wherein the data transfer by a unit of the group from the first storage apparatus transfers the sorted data to the second storage apparatus is performed in an asynchronous remote copy manner.

4. (currently amended)A-The computer system according to claim 31, wherein the sorted data subjected to the grouping is data to be used in a database.

5. (currently amended)A-The computer system according to claim 4, wherein one of the groups into which the data is sorted includes a log data set to be used in the database is included in the data subjected to the grouping, and data of a group, in which the log data is included, the one of the groups is transferred from the first storage apparatus to the second storage apparatus in a synchronous remote copy manner.

6. (currently amended) ~~A~~ The computer system according to claim 5, wherein ~~a a~~ higher ~~highest~~ priority level of ~~a~~ recovery time is allocated to the one of the group groups in which the log data set is included.

7. (currently amended) ~~A~~ The computer system according to claim ~~6~~ 1, wherein the second site detects the failure stop of the first storage apparatus ~~site~~ via the network.

8. (currently amended) ~~A~~ The computer system according to claim ~~7~~ 1, wherein, ~~in recovering the data by a unit of the group,~~ the second storage apparatus restricts use ~~site prohibits used of a~~ at least one of the group groups, in which data to be recovered ~~before recovery is~~ included, and allows the use of a at least one of the groups group, ~~in which recovered data is included,~~ when the data in the at least one of the groups is recovered ~~every time the recovery of data by a unit of the group is completed.~~

Claims 9 and 10 (canceled).

11. (currently amended) A computer system comprising:
a first storage apparatus located at a first site; and
a second storage apparatus located at a second site operatively
connected to the first site via a network;
~~— a first site comprising a first computer and a first storage apparatus;~~
~~— a second site comprising a second computer and a second storage~~
~~apparatus;~~

~~— a computer for management; and~~

~~— a network connecting the first site, the second site, and the computer for management to one another,~~

wherein the first storage apparatus is configured to sort subjects data,
~~which are stored in the first storage areas included in the storage apparatus~~
into groups which are each assigned a priority level, ~~to grouping based on the~~
~~basis of priorities based upon a recovery time required for in-recovering data~~
of the first storage apparatus in the second site, which are inputted to the
~~computer for management, and, by a unit of a group subjected to the~~
grouping, to transfer the sorted transfers data updated in the group to the :
second storage apparatus,

wherein, when a failure occurs in the first storage apparatus, the
second storage apparatus transfers the sorted data stored therein, in an order
according to priority levels assigned to the groups, to the first storage
apparatus to recover the first storage apparatus if the first site is stopped, the
~~second site recovers the data included in the groups subjected to the~~
~~grouping in an order of priorities of the required recovery time,~~

wherein the sorted data is ~~subjected to the grouping is data to be used~~
in a database, and

wherein one of the groups into which the data is sorted includes a log
data set to be used in the database is included in the data subjected to the
grouping, and data of a group, in which the log data is included, the one of the
groups is transferred from the first storage apparatus to the second storage
apparatus in a synchronous remote copy manner.